	FR1		CDR1	FR2	
VHH#3G	QVQLQDSGGGLVQAG	GSLRLSCAVSGR	TFSAHSVYTMG	WFRQAPGKEREFVA	
VHH#3E	QVQLQESGGGLVQPG	GSLRLSCAASGR	TFSDHSGYTYTIG	WFRQAPGKEREFVA	
VHH#1A	QVQLQESGGGLVQPG	GSLRLSCATSGF	DFSVSWMY	WVRQAPGKGLEWVS	
VHH#2B	QVQLQESGGLVQPGO	GSLRLSCATSGF	TFSDYWMY	WVRQAPGKGLEWVS	
VHH#12B	QVQLQESGGGLVQPG	GSLRLSCAASGF	EFENHWMY	WVRQAPGKGLEWVS	
VHH#7B	QVQLQESGGLVQPGO	GSLRLSCAASGS	IFRVNAMG	WYRQVPGNQREFVA	
	**** *****	*****	*	* ** ** * *	
	CDR2		FR2		
VHH#3G	RIYWSSANTYYADSVKG RFTISRDNAKNTVDLLMNSLKPEDTAVYYCAA				
VHH#3E	RIYWSSGNTYYADSVE	KG RFAISRDIA	KNTVDLTMNNLEPE	DTAVYYCAA	
VHH#1A	EINTNGLITKYVDSVE	KG RFTISRDNA	KNTLYLQMDSLIPE	DTALYYCAR	
VHH#2B	TVNTNGLITRYADSV	KG RFTISRDNA	KYTLYLQMNSLKSEI	DTAVYYCTK	
VHH#12B	TVNTNGLITRYADSVE	KG RFTISRDNA	KYTLYLQMNSLKSEI	DTAVYYCTK	
VHH#7B	-IITSGDNLNYADAV	KG RFTISTDNV	KTVYLQMNVLKPEI	DTAVYYCNA	
	* * **	** ** ** *	+ * * * * *	*** ***	
	CDR3	FR4	Hinge		
VHH#3G	RDGIPTSRTVGSYNY	WGQGTQVTVSS	EPKTPKPQP		
VHH#3E	RDGIPTSRSVESYNY	WGQGTQVTVSS	EPKTPKPQP		
VHH#1A	SPSGSF	RGQGTQVTVSS	EPKTPKPQP		
VHH#2B	-VVPPYSDDSRTNAD	WGQGTQVTVSS	EPKTPKPQP		
VHH#12B	-VLPPYSDDSRTNAD	WGQGTQVTVSS	EPKTPKPQP		
VHH#7B	ILQTSRWSIPSNY	WGQGTQVTVSS	EPKTPKPQP		

Figure 1

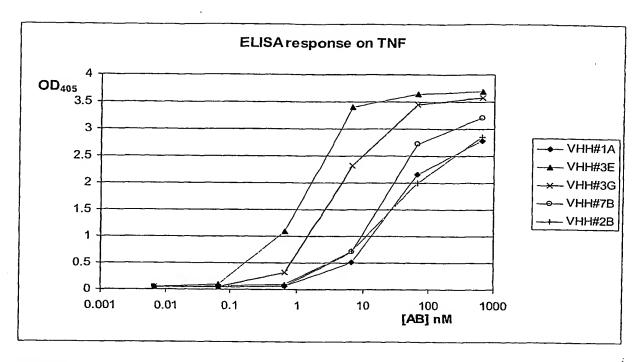


Figure 2

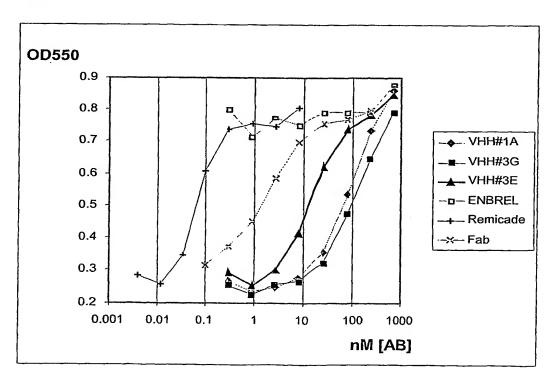


Figure 3

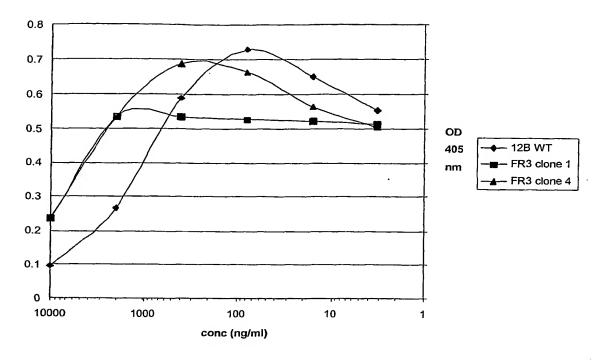


Figure 4

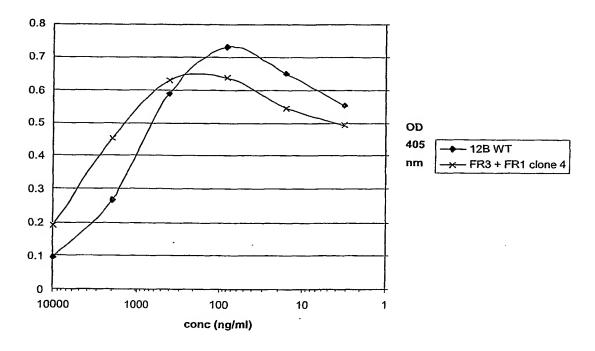


Figure 5



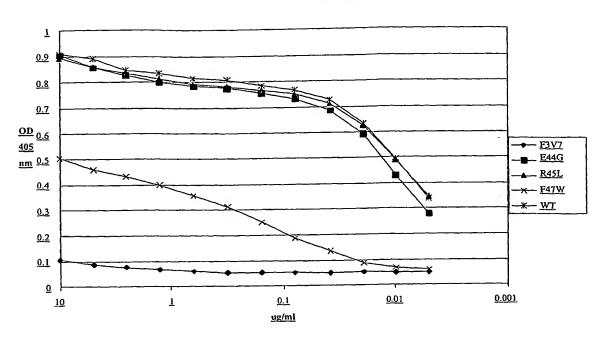


Figure 6

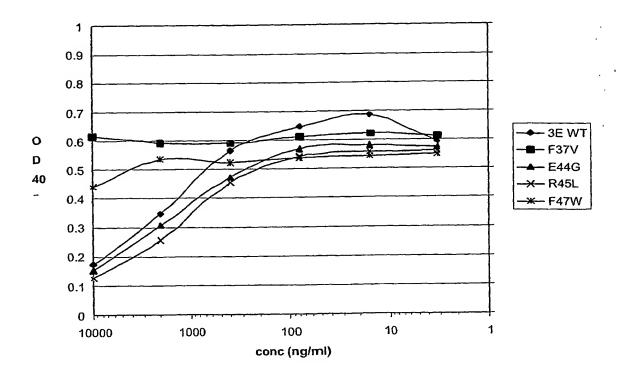


Figure 7

•	FR1			CDR1 FR2
VHH#m3F	QVQLQDSGGGLVQAGG	SLRLSCAASGG	TFSSIIMA	WFRQAPGKEREFVGA
VHH#m4B	QVQLQDSGGGLVQAGG	SLRLSCGVSGL	SFSGYTMG	WFRQAPGKEREFAAA
VHH#m9A	EVQLVESGGGLVQAGG:	SLRLSCAASGG	TLSSYITG	WFRQAPGKEREFVGA
VHH#m9E	QVQLVESGGGLVQAGG	SLRLSCAASEG	TLSGYILG	WFRQAPGKEREFVGA
	*** **********		*	******
	CDR2		FR2	
VHH#m3F	VSWSGGTTVYADSVLG	RFEISRDSAR	CSVYLQMNSI	LKPEDTAVYYCAA
VHH#m4B	IGWNSGTTEYRNSVKG	RFTISRDNAK	TVYLQMNS1	LKPEDTAVYYCAA
VHH#m9A	VSWSSSTIVYADSVEG	RFTISRDNHQN	TVYLQMDSI	LKPEDTAVYYCAA
VHH#m9E	VSWSGGTIVYADSVKG	RFEISRDNARN	TVYLQMDSI	LKSEDTAVYYCAA
	* * * * *	** ****	****	** *******
	CDR3	FR4	Hinge	
			•	-
VHH#m3F	RPYQKYNWA-SASYNV	WGQGTQVTVSS	EPKTPKP(Σħ
VHH#m4B	SPKYMTAYERSYDF	WGQGTQVTVSS	EPKTPKP(ĎΒ
VHH#m9A	RPYQKYNWA-SASYNV	WGQGTQVTVSS	5	
VHH#m9E	RPYQRFNWA-SASYNV	WGRGTQVTVSS		
	* * * **	** *****	•	

Figure 8

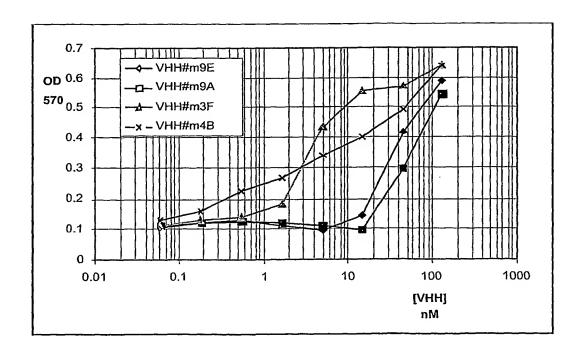


Figure 9

6/10

EcoRI
241 aattcactgg ccg

Figure 10

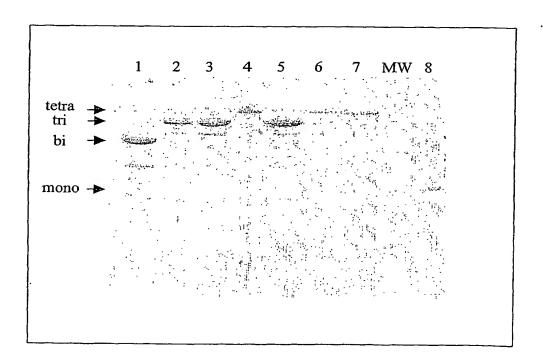


Figure 11

7/10

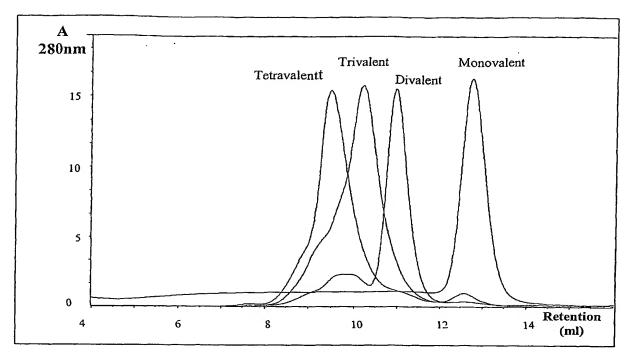


Figure 12

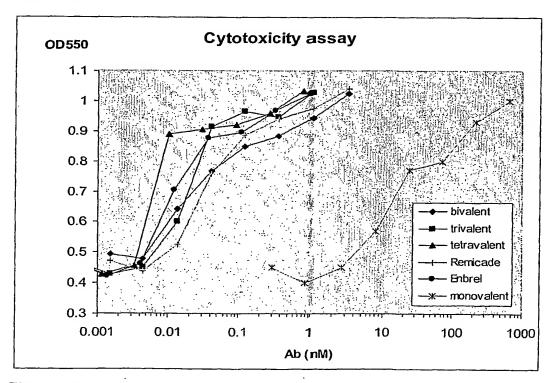


Figure 13

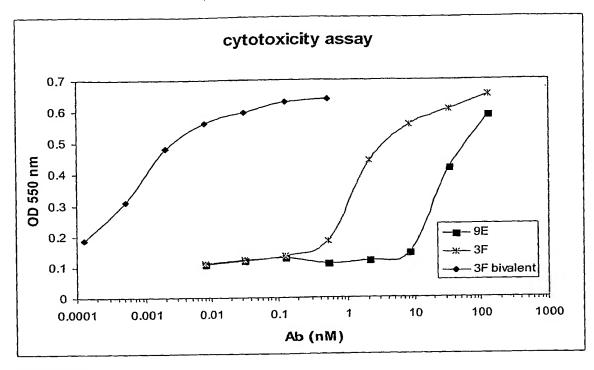


Figure 14

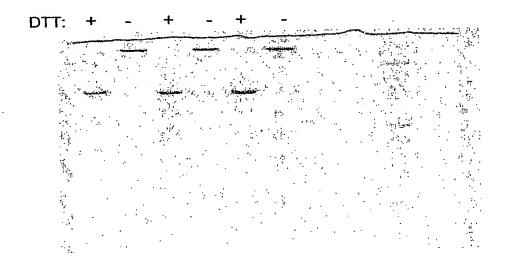


Figure 15

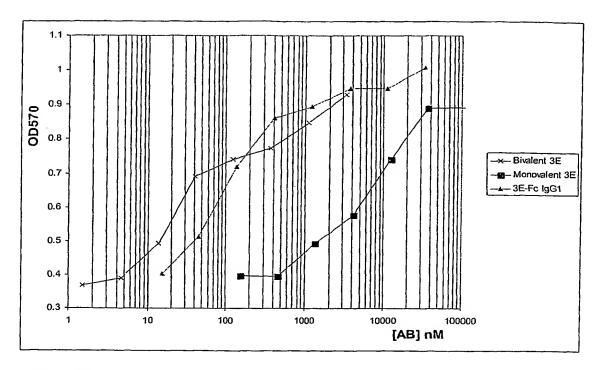


Figure 16

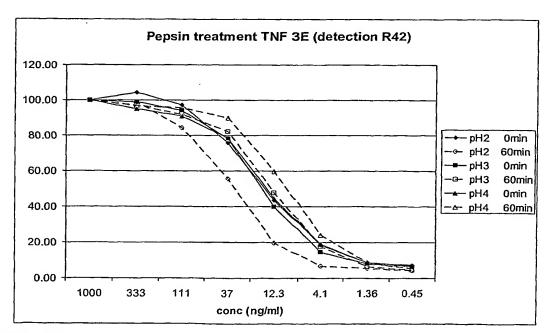


Figure 17

DSS-induced Model of Chronic Colitis

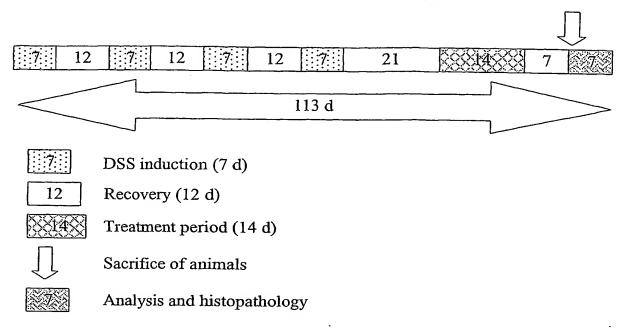


Figure 18